

Review of: "Assessment of Quality, Bacterial Population and Diversity, of Irrigation Water in Selected Areas of Minna, Niger State, Nigeria"

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Potential competing interests: No potential competing interests to declare.

I still feel the manuscript is not suitable for publication as it still lacks a lot of references for sections in the methodology, and the results are not supported with proper or scientific thought.

The authors have attempted to justify the use of morphological and plate identification by including a sentence in the conclusion, but this does not address the issue at hand. A conscious decision was made to use cultivation methods, and this comes through in the discussions backed up by literature. Saying things are more and less abundant on agar does not really reflect what is going on in a natural setting. The identifications are still not described satisfactorily and have to be described better, with proper literature cited on how the IDs were made. As is, we are just taking their word for it.

Personally, I would shift the paper to be more in line with the title. Assess the quality and report on culturable organisms; the correlations, etc., are random at best given the methods used. Move away from the bioremediation angle and see it as a novel report on water that does not get studied a lot - I assume there is not a lot of literature on Minna waters.

RECOMMENDATION: I do not feel that this paper, as is, contributes enough to the scientific community to be published. Significant changes would have to be made to recommend publication.